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Datasheet for ABIN6720199

IL-20 ELISA Kit

Overview

Quantity:	1 kit
Target:	IL-20 (IL20)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics:	<p>Synonyms: Cytokine Zcyto10, Four alpha helix cytokine, IL-20, IL10D, IL20, IL20_HUMAN, Interleukin 20, Interleukin-20, MGC96907, UNQ852/PRO1801, ZCYTO10</p> <p>Background: IL-20, also known as Interleukin 20 or Zcyto10, is a protein that in humans is encoded by the IL20 gene. This gene is mapped to 1q32.1. IL-20 is a protein belonging to the IL-10 family of cytokines. This cytokine has been shown to transduce its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis. IL-20 regulates</p>
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Product Details

proliferation and differentiation of keratinocytes during inflammation, particularly inflammation associated with the skin. In addition, IL-20 also causes cell expansion of multipotential hematopoietic progenitor cells.

Gene Name: IL20

Production: Natural and recombinant mouse IL-20. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: L25-E176

Target Details

Target:	IL-20 (IL20)
Alternative Name:	IL-20 (IL20 Products)
Gene ID:	58181
NCBI Accession:	NP_001298020
UniProt:	Q9JKV9
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL mouse IL-20 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernatants, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each mouse IL-20 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 31.2pg/mL-2000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT, 4 °C, -20 °C
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Handling

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.